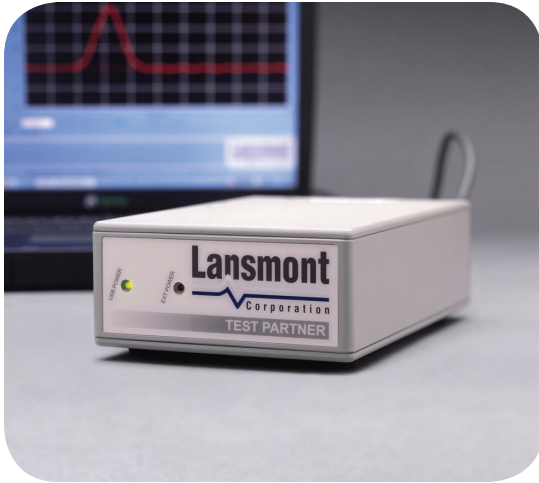
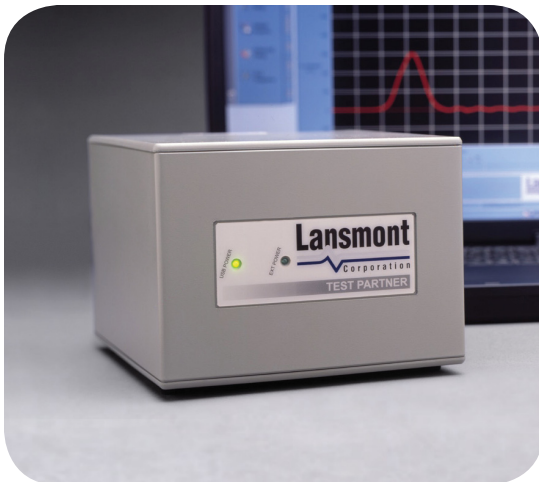




Test Partner™ 3



Test Partner Mini



Test Partner USB 4x4

Test Partner 3 is a powerful combination of computer software and hardware specifically tailored to the capture and analysis of transient shock events. It can acquire up to sixteen channels of acceleration data simultaneously from shock, drop, or other kinds of impact events.

Test Partner 3 utilizes the USB port on your computer for convenient plug-and-play simplicity. **Test Partner 3 comes in two hardware platforms:** the four-channel **Mini configuration** and the **4x4 configuration**. The Mini provides four-channel portability while the 4x4 addresses greater multi-channel needs. The 4x4 can be configured in modular, four-channel increments, up to 16 channels total. Both the Mini and 4x4 include all signal conditioning built into the hardware. The Mini and the 4x4 (four-channel configuration only) are fully powered through the USB, providing flexible mobility.

Test Partner 3 systems are available with two different software options: TP3.Lite, and TP3.ETC. The Lite version includes 4 channels of acquisition, basic shock analysis, and reporting functions. The ETC software includes all features of the Lite software, plus up to 16 channels of acquisition, the ability to compute Shock Response (SR) time domain, Shock Response Spectra (SRS), Force vs. Deflection analysis, Tolerance Bands for MIL-Spec compliance and FFT analysis. Either software package will run on Test Partner Mini or 4x4 hardware platforms.



Test Partner™ 3



SPECIFICATIONS

	Test Partner 3 Mini	Test Partner 3 4x4
Channels:	4 Total	4,8,12 or 16
Sampling Rate:	1 MHz	1 MHz
Resolution:	16 Bits	16 Bits
External Trigger:	Included	Included
CE Compliant:	Yes	Yes

POWER

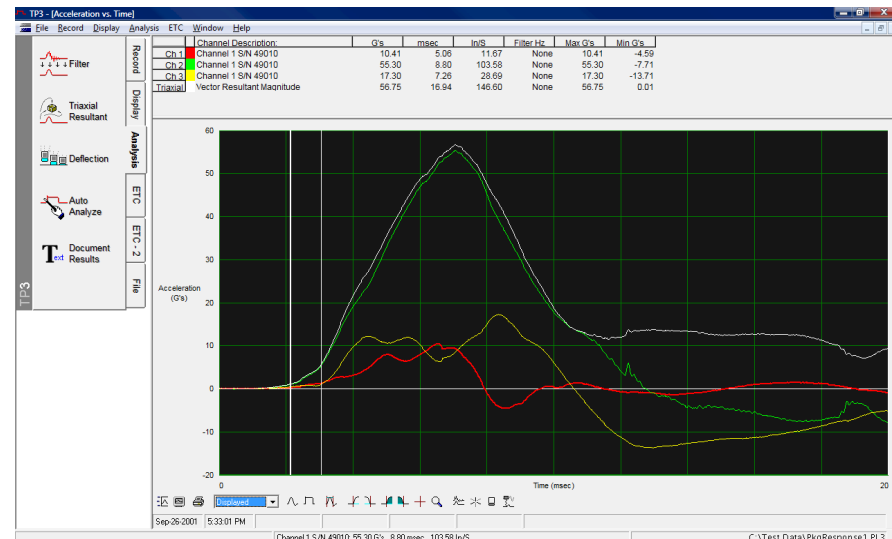
USB:	Yes	Four-Channel Version Only
AC Adapter:	Included	Included
Voltage:	110 – 220 VAC	110 – 220 VAC
Frequency:	50 – 60 Hz	50 – 60 Hz

DIMENSIONS

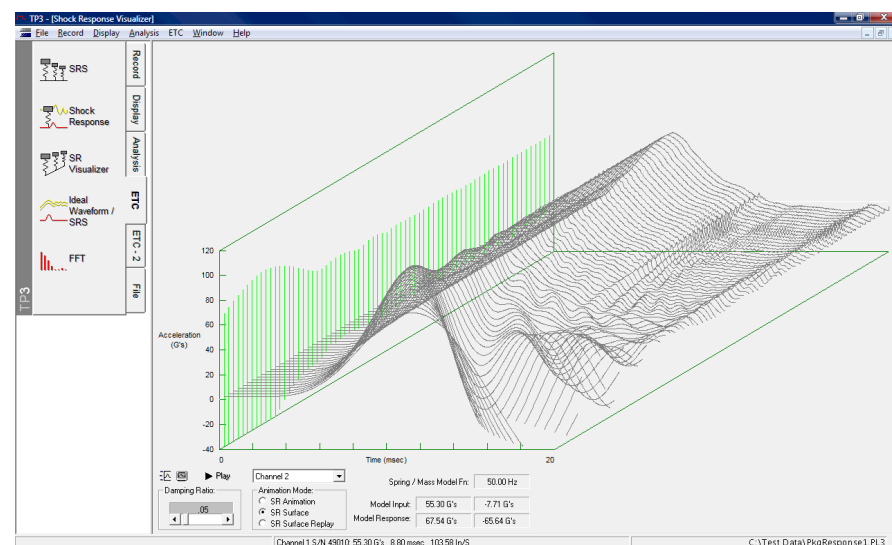
Length:	8.0 in. (20.0 cm)	8.0 in. (20.0 cm)
Width:	4.6 in. (11.7 cm)	6.5 in. (16.5 cm)
Height:	2.3 in. (5.7 cm)	5.0 in. (12.7 cm)

Software Features

- Selectable channel and threshold triggering
- Pre- and/or Post- acquisition signal filtering
- Time domain display, multi-channel overlay
- Tri-axial resultant overlay
- Shock Response Spectra (SRS)
- Shock Response - time domain display
- Ideal waveform - with SRS target and tolerance
- SRS Visualizer
- Force / Deflection / Energy calculations
- Rotational shock
- FFT
- Comprehensive data acquisition, output and reporting functionality



Multi-channel acceleration vs. time waveforms



Shock Response 3D surface waveform